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TEMPERATURE CONTROL SYSTEM FOR BURN-IN BOARDS

ABSTRACT OF THE DISCLOSURE

5 The burn-in oven is provided with a plurality of chambers, and each of the chambers has a number of stacked burn-in boards carrying devices under test. Each burn-in board is associated with an overlying fan board. The fan board divides the space
10 between the burn-in boards so that a duct is formed on a side of the fan board opposite from its associated burn-in board. The fan boards are spaced from the burn-in boards, so that there is a space overlying the devices under tests as well. Each of
15 the fan boards has an individual fan associated with each underlying device under test, to provide air flow through an opening directly onto the device under test. The space between each burn-in board and its associated fan board is sealed with seal plates
20 at opposite ends of the space, and at least one of the seal plates having an adjustable damper for providing a bleed flow of cooling air through the space.